

BURGAS FREE UNIVERSITY

FACULTY OF COMPUTER SCIENCE AND ENGINEERING

COURSES IN ENGLISH

FOR ERASMUS+ INCOMING STUDENTS

ACADEMIC YEAR 2025/2026

SUBJECT AREA: 061 INFORMATION AND COMMUNICATION TECHNOLOGIES (ICTs)

<u>Code</u>	<u>Course name</u>	<u>ECTS Credits</u>
CS102	Web Technologies and Applications	6
CS104	Programming	7
CS201	Theory of Algorithms	4
CS203	Object-Oriented Programming	6
CS331	Processing of Vector and Raster Images	6
CS202	Operating Systems	6
CS206	Artificial Intelligence	5
CS417	Applied Software Engineering	4
CS422	Operations Research	6
CS319	Information Security	4
MA101	Mathematics I (Linear Algebra, Analytic geometry)	7
MA102	Mathematics II (Calculus 1)	7
MA103	Discrete Mathematics	6
MA201	Mathematics III (Calculus 2 Multidimensional)	7
MA302	Numerical Methods	4
EN424	Mobile Communication Systems and Programming	6
CS431	Design of User Interface	4
CS216	Practicum on Modeling	3
CS315	WWW Programming	4
CM313	Business Communications	3
BA206	Economics	6
BA406	Project Management	6

SUBJECT AREA: 071 ENGINEERING AND ENGINEERING TRADES

0713 ELECTRICITY AND ENERGY

<u>Code</u>	<u>Course name</u>	<u>ECTS Credits</u>
EN417	Computer Design of Technological Systems	6
EN303	Power-Supply Devices	7
EN202	Electronic Schematics	7
EN313	Computer Architecture	6
CS421	Computer Systems	6

EN302	Microprocessor Technics	7
EN415	Control and Diagnostics of Computer Systems	6
CS206	Artificial Intelligence	5
MA103	Discrete Mathematics	6
CS202	Operating Systems	6
EN424	Mobile Communication Systems and Programming	6
CS417	Applied Software Engineering	4
CS201	Theory of Algorithms	4
EN274	Applied Mechanics and Robotics	6
EN306	Elements and Mechanisms in Robotics	6
EN371	Electrical Apparatuses	6
CS204	Databases	6
EN203	Measuring in Electronics and Electrotechnics	5
EN362	Electronic Systems for Control, Measurement and Monitoring	6
LN213	English for Specific Purposes	3
CM313	Business Communications	3
BA206	Economics	6
BA406	Project Management	6